

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090776.D
 Acq On : 22 Oct 2016 21:32
 Operator : UM/SJ
 Sample : H5343-07
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB05-18.5-19.0

Quant Time: Oct 24 00:56:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

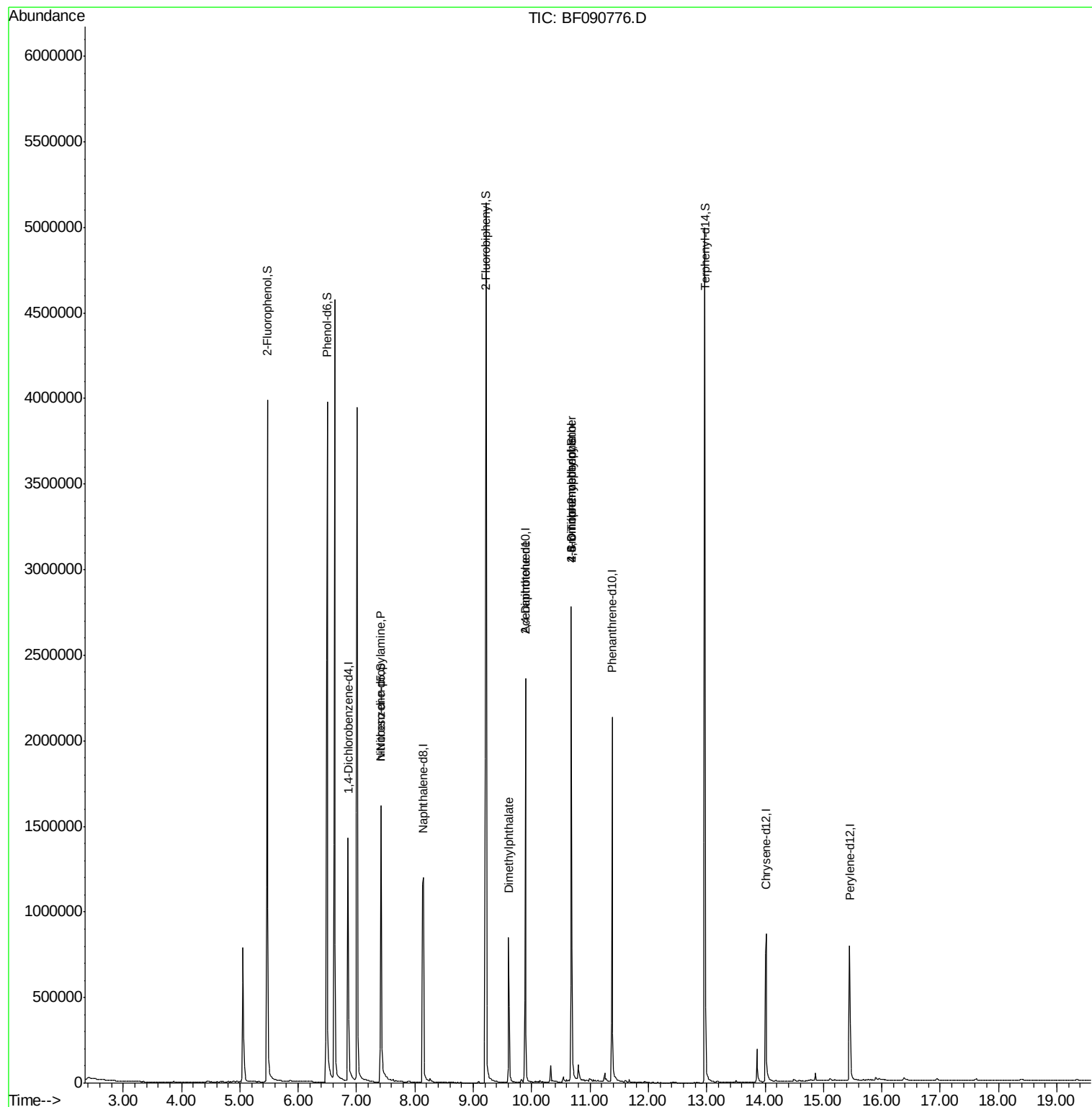
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	246510	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	979964	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	525136	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	844611	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	482481	20.00	ng	0.00
86) Perylene-d12	15.45	264	369771	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1344304	87.95	ng	0.01
7) Phenol-d6	6.50	99	1980832	95.68	ng	0.00
23) Nitrobenzene-d5	7.41	82	1055035	59.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	418501	100.69	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1921428	56.80	ng	-0.01
78) Terphenyl-d14	12.97	244	1699444	80.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	132389	8.59	ng	# 52
49) Dimethylphthalate	9.61	163	474599	14.38	ng	# 97
56) 2,4-Dinitrotoluene	9.89	165	68466	7.89	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	542	4.27	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	27034	3.30	ng	# 1

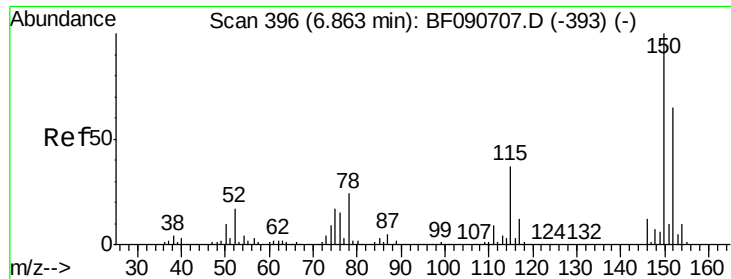
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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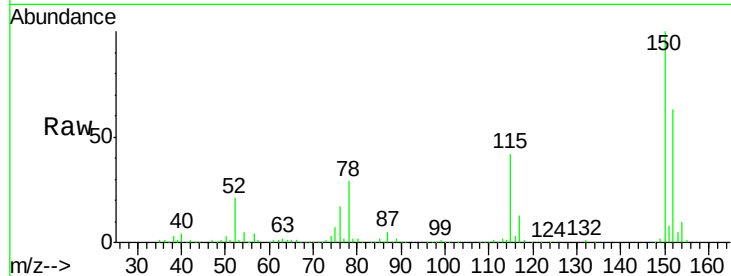




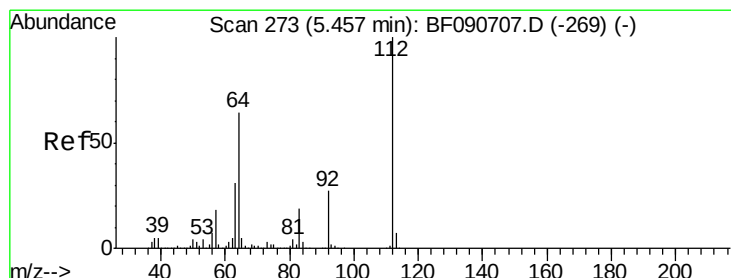
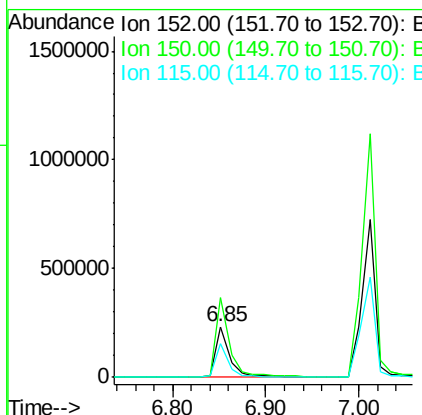
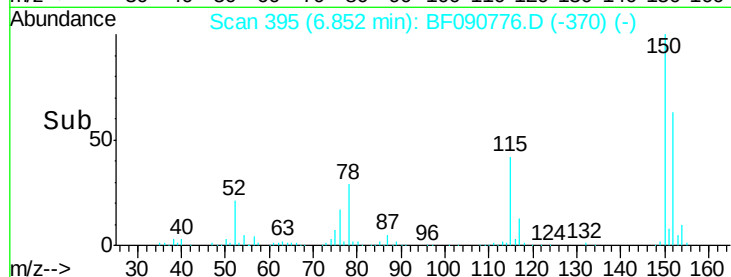
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BF090776.D
 Acq: 22 Oct 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB05-18.5-19.0

Tgt Ion:152 Resp: 246510
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.7 187.1
 115 65.8 39.0 58.4#

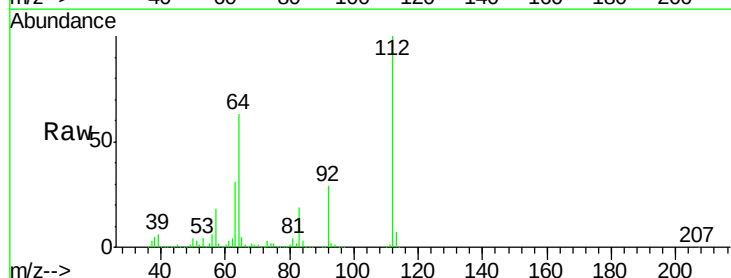


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

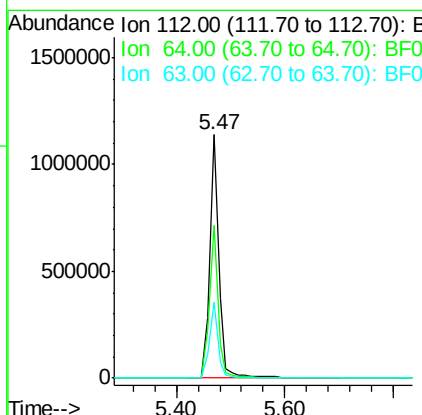
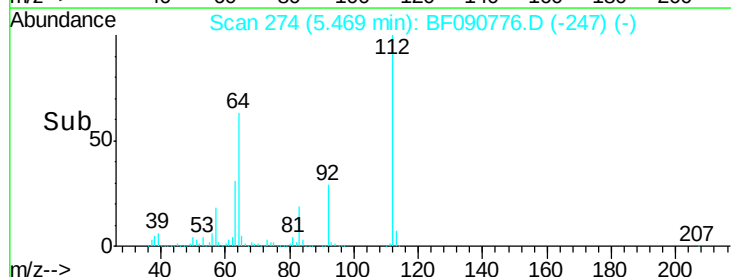


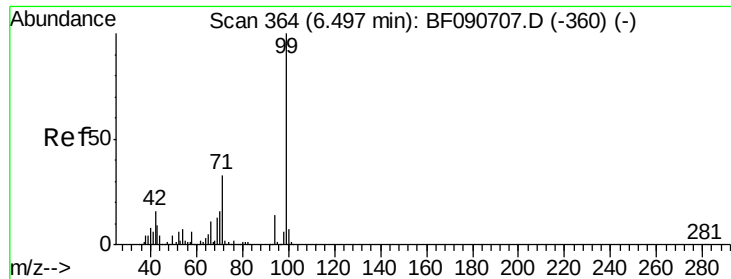
#5
 2-Fluorophenol
 Concen: 87.95 ng
 RT: 5.47 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: BF090776.D
 Acq: 22 Oct 2016 21:32

Tgt Ion:112 Resp: 1344304
 Ion Ratio Lower Upper
 112 100
 64 62.7 39.7 59.5#
 63 31.0 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.68 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090776.D

Acq: 22 Oct 2016 21:32

Instrument :

BNA_F

ClientSampleId :

RMAB-SB05-18.5-19.0

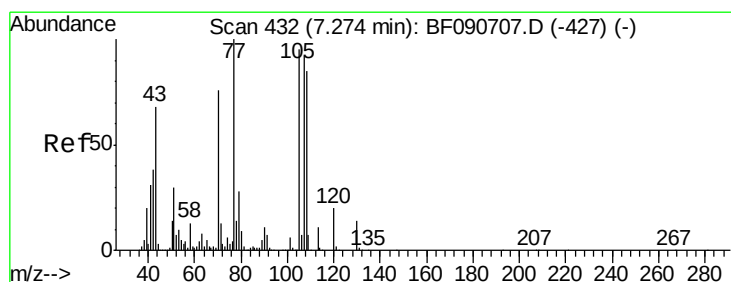
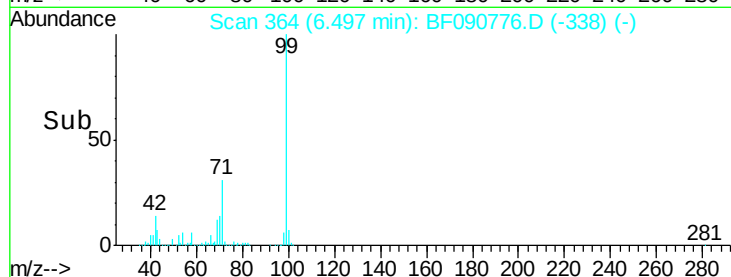
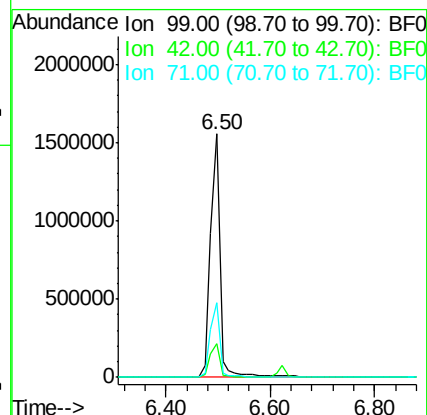
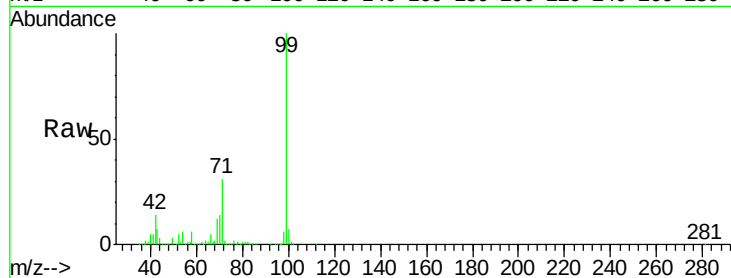
Tgt Ion: 99 Resp: 1980832

Ion Ratio Lower Upper

99 100

42 13.9 13.7 20.5

71 30.9 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 8.59 ng

RT: 7.41 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF090776.D

Acq: 22 Oct 2016 21:32

Tgt Ion: 70 Resp: 132389

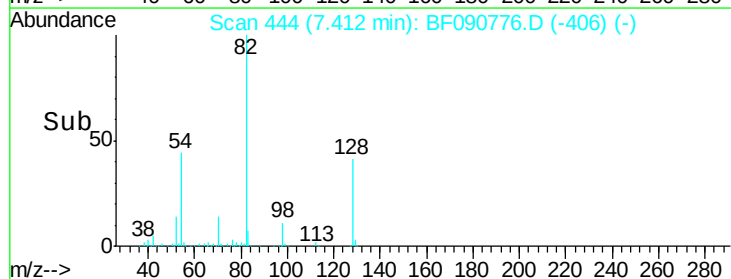
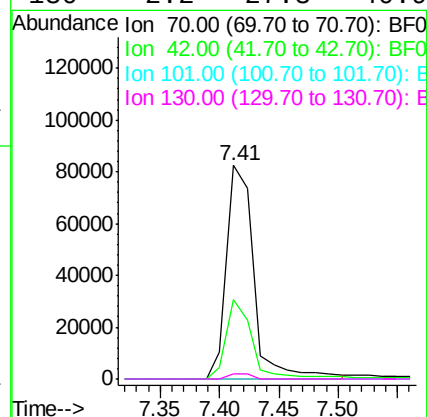
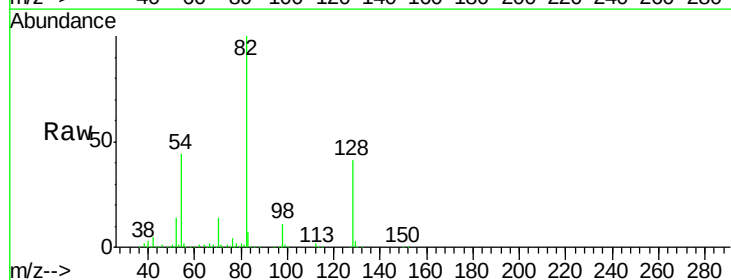
Ion Ratio Lower Upper

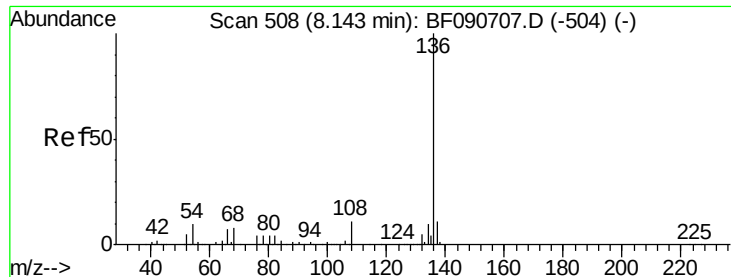
70 100

42 37.3 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

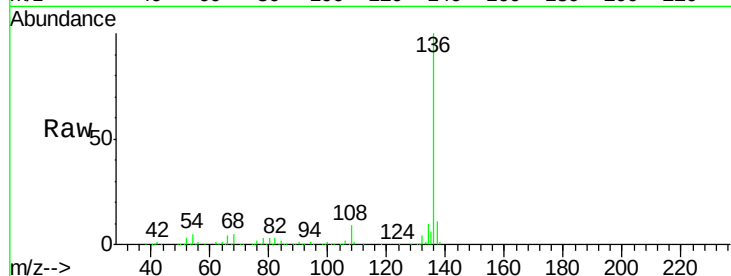




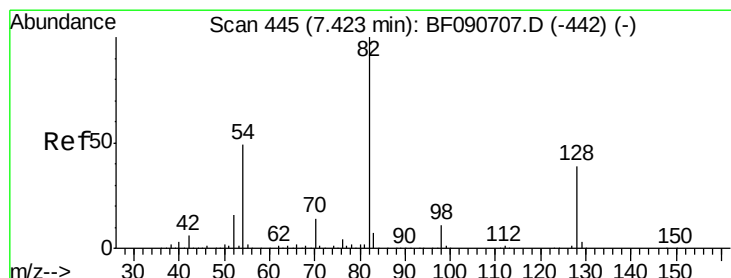
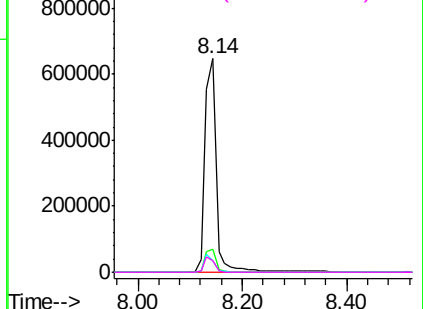
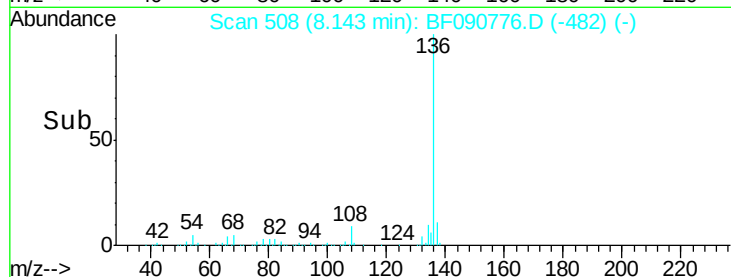
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090776.D
Acq: 22 Oct 2016 21:32

Instrument :
BNA_F
ClientSampleId :
RMAB-SB05-18.5-19.0

Tgt Ion:	136	Resp:	979964
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	5.3	8.2	12.2#
68	5.2	5.8	8.6#

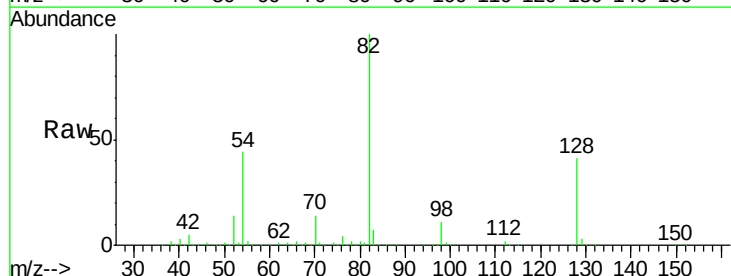


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

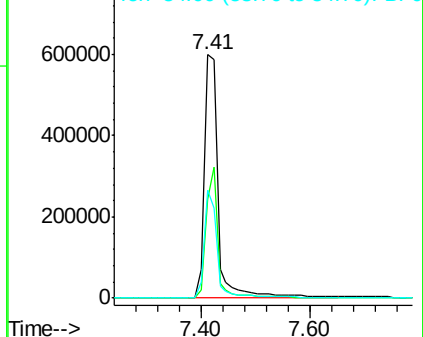
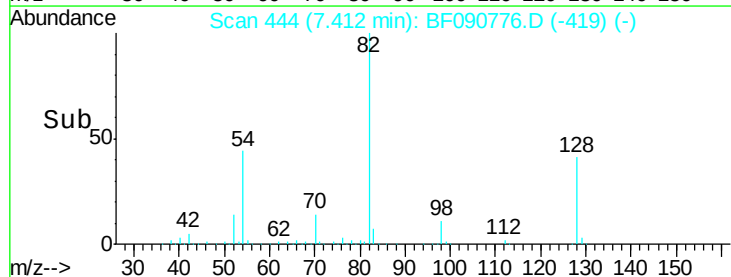


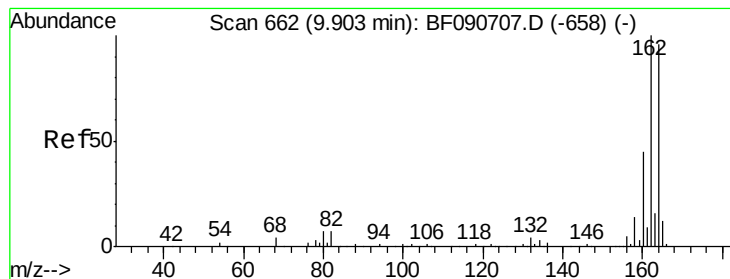
#23
Nitrobenzene-d5
Concen: 59.05 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090776.D
Acq: 22 Oct 2016 21:32

Tgt Ion:	82	Resp:	1055035
Ion	Ratio	Lower	Upper
82	100		
128	40.9	51.0	76.6#
54	44.4	47.5	71.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF090776.D

Acq: 22 Oct 2016 21:32

Instrument :

BNA_F

ClientSampleId :

RMAB-SB05-18.5-19.0

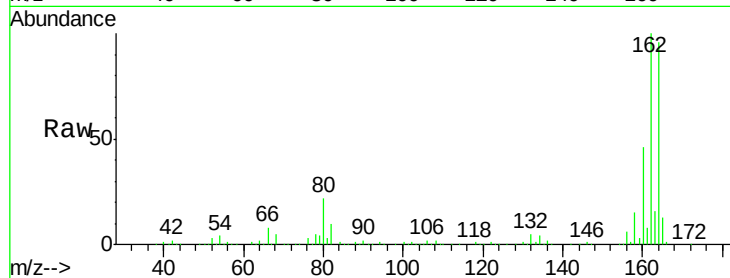
Tgt Ion:164 Resp: 525136

Ion Ratio Lower Upper

164 100

162 104.2 75.2 112.8

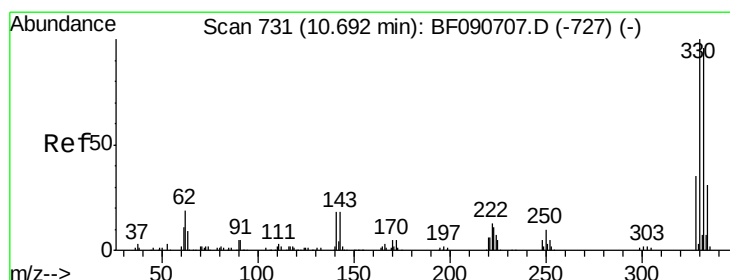
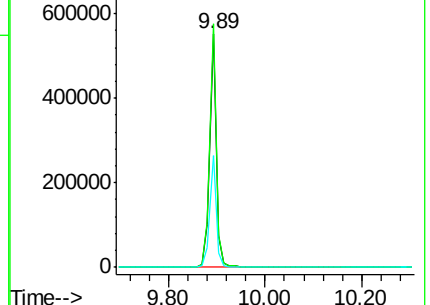
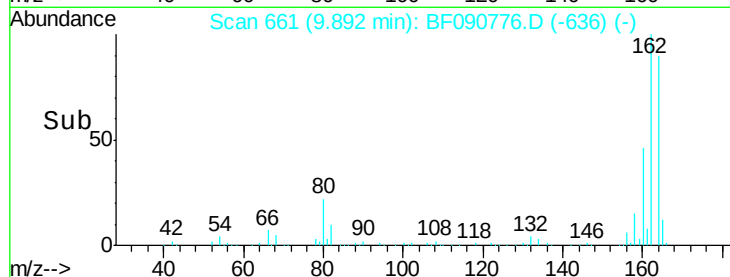
160 48.0 31.5 47.3#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 100.69 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF090776.D

Acq: 22 Oct 2016 21:32

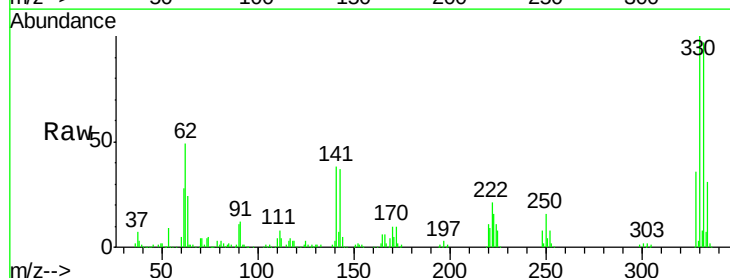
Tgt Ion:330 Resp: 418501

Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

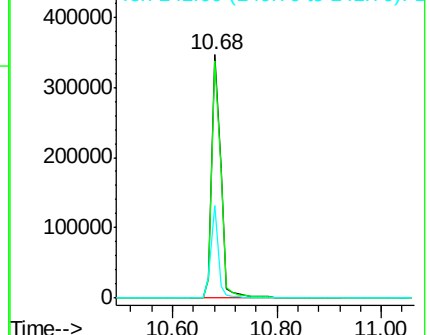
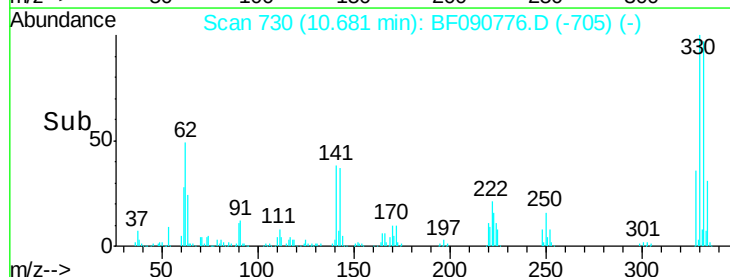
141 32.5 29.7 44.5

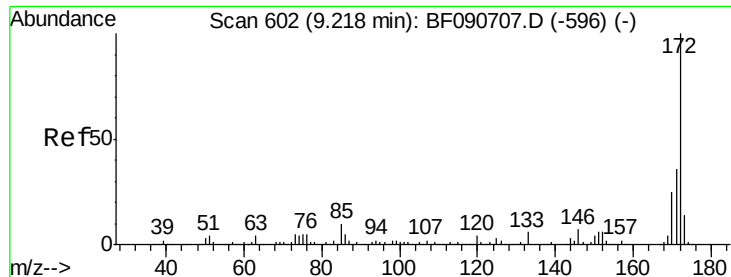


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

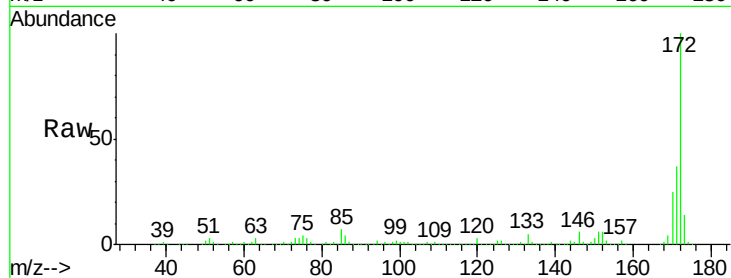




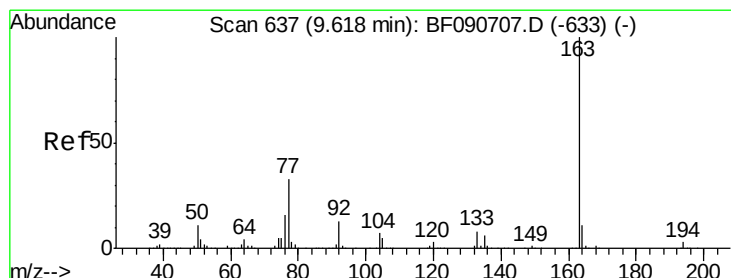
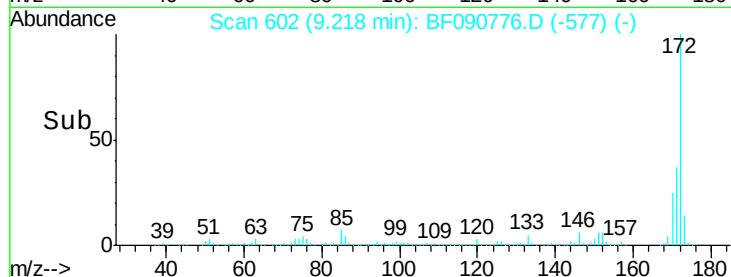
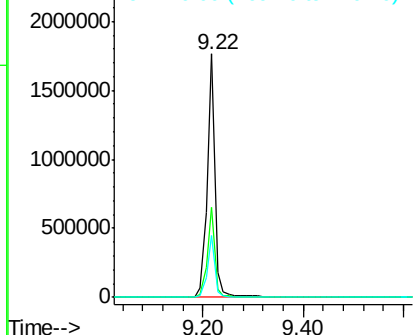
#44
2-Fluorobiphenyl
Concen: 56.80 ng
RT: 9.22 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF090776.D
Acq: 22 Oct 2016 21:32

Instrument :
BNA_F
ClientSampleId :
RMAB-SB05-18.5-19.0

Tgt Ion:172 Resp: 1921428
Ion Ratio Lower Upper
172 100
171 37.2 26.1 39.1
170 25.5 17.4 26.2

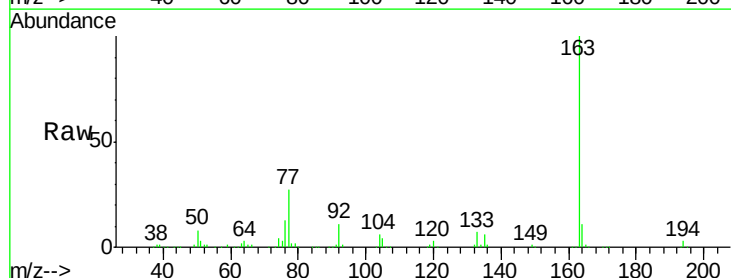


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

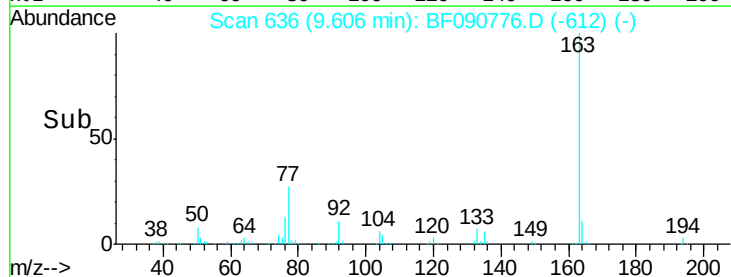
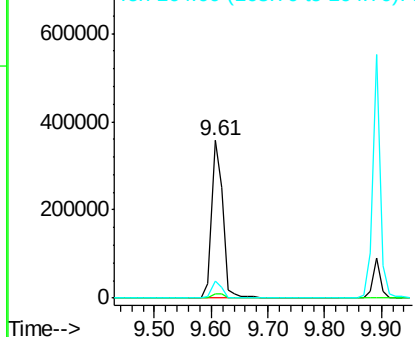


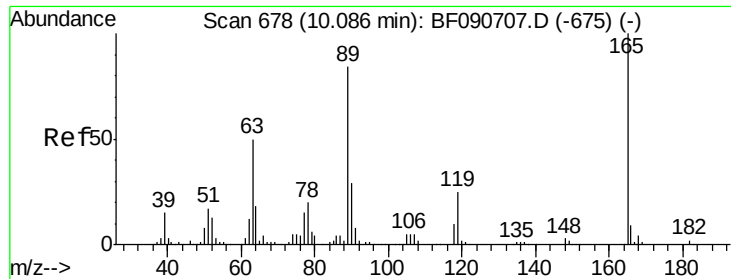
#49
Dimethylphthalate
Concen: 14.38 ng
RT: 9.61 min Scan# 636
Delta R.T. -0.02 min
Lab File: BF090776.D
Acq: 22 Oct 2016 21:32

Tgt Ion:163 Resp: 474599
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 10.5 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

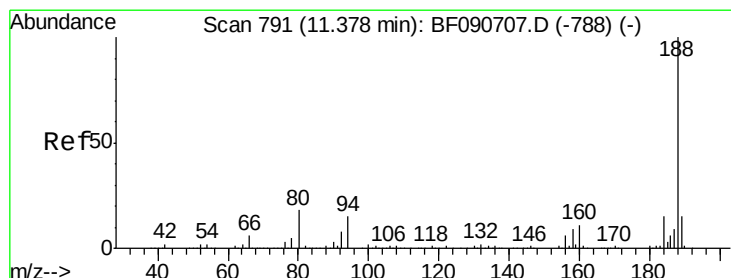
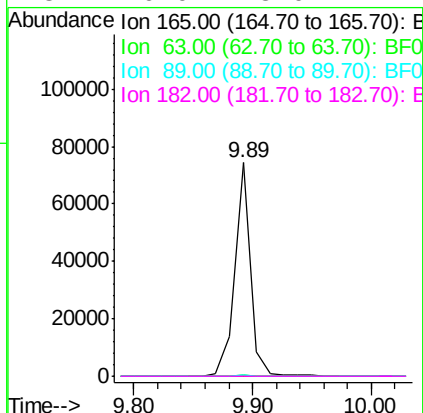
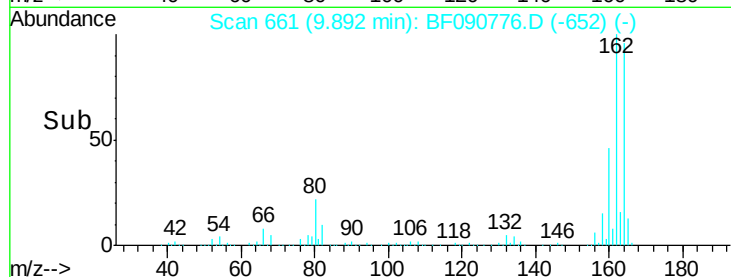
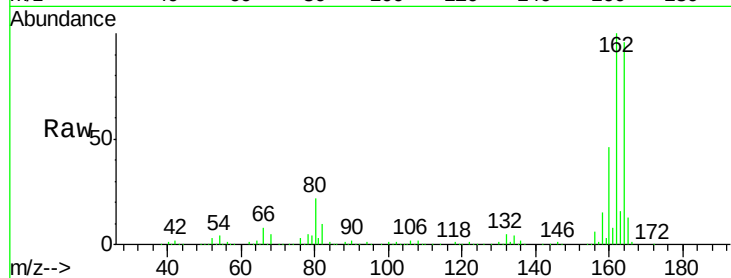




#56
 2,4-Dinitrotoluene
 Concen: 7.89 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090776.D
 Acq: 22 Oct 2016 21:32

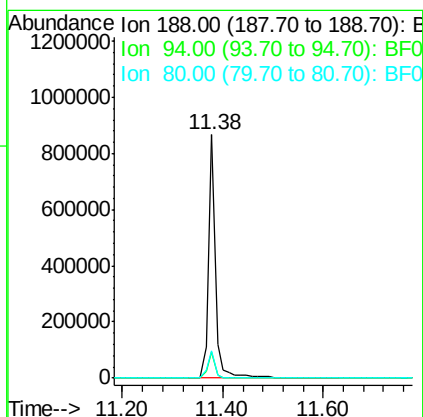
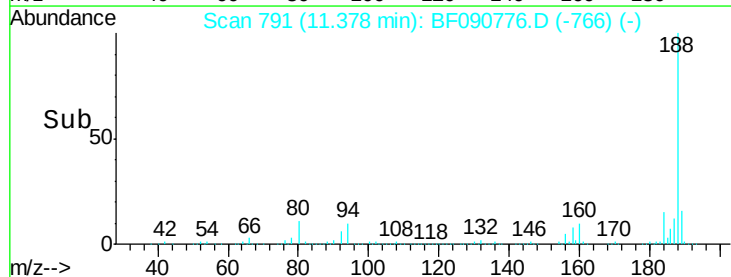
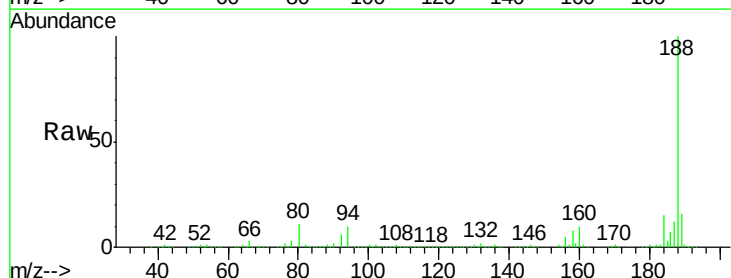
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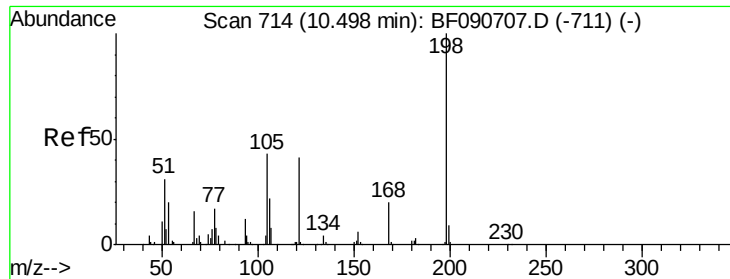
Tgt Ion:	165	Resp:	68466
Ion	Ratio	Lower	Upper
165	100		
63	0.7	29.8	44.6#
89	0.9	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090776.D
 Acq: 22 Oct 2016 21:32

Tgt Ion:	188	Resp:	844611
Ion	Ratio	Lower	Upper
188	100		
94	10.5	11.1	16.7#
80	11.4	11.0	16.4

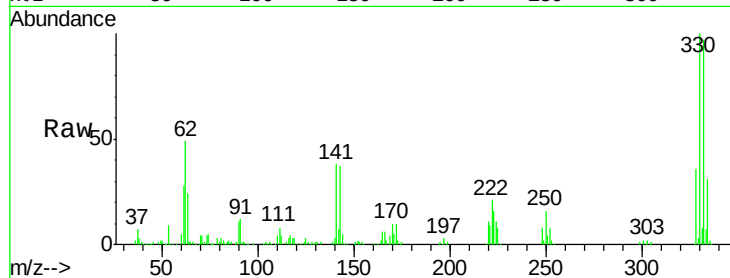




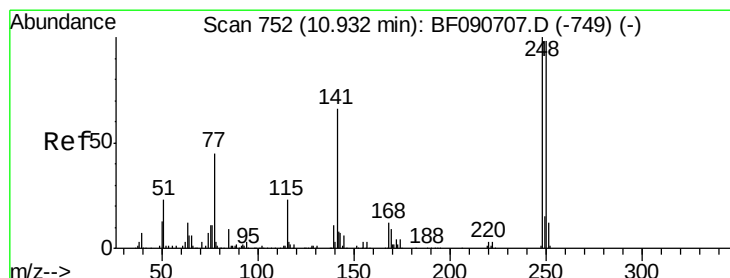
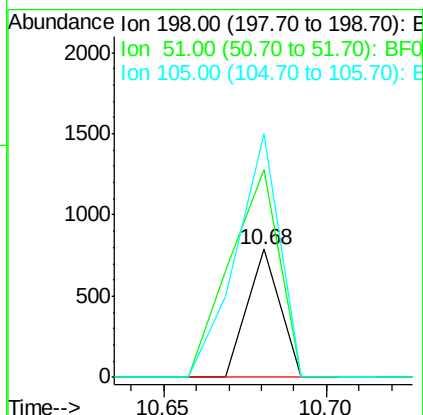
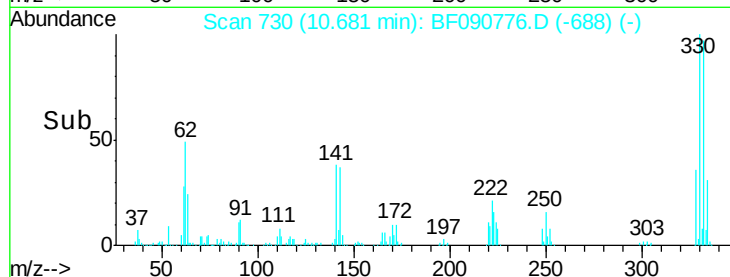
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.27 ng
 RT: 10.68 min Scan# 730
 Delta R.T. 0.18 min
 Lab File: BF090776.D
 Acq: 22 Oct 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB05-18.5-19.0

Tgt Ion:198 Resp: 542
 Ion Ratio Lower Upper
 198 100
 51 161.8 39.6 79.6#
 105 189.7 28.5 68.5#

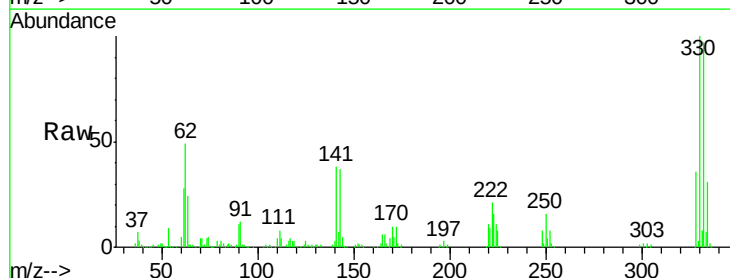


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

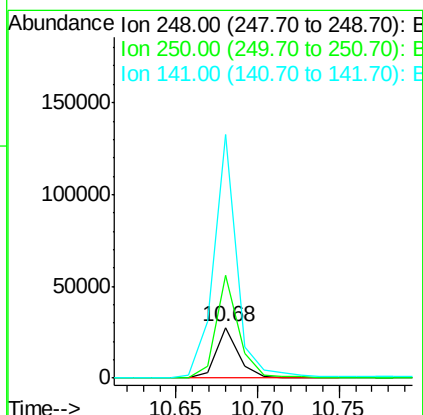
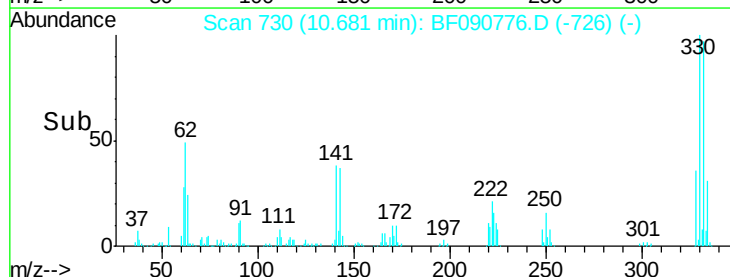


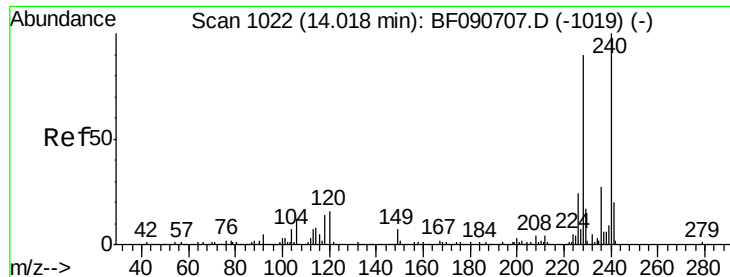
#66
 4-Bromophenyl-phenylether
 Concen: 3.30 ng
 RT: 10.68 min Scan# 730
 Delta R.T. -0.25 min
 Lab File: BF090776.D
 Acq: 22 Oct 2016 21:32

Tgt Ion:248 Resp: 27034
 Ion Ratio Lower Upper
 248 100
 250 202.3 78.5 117.7#
 141 479.8 59.0 88.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF090776.D

Acq: 22 Oct 2016 21:32

Instrument :

BNA_F

ClientSampleId :

RMAB-SB05-18.5-19.0

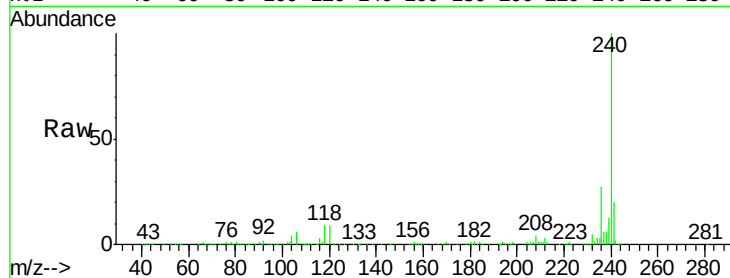
Tgt Ion:240 Resp: 482481

Ion Ratio Lower Upper

240 100

120 9.3 16.2 24.2#

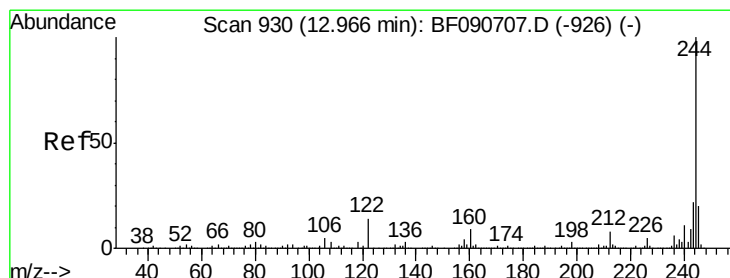
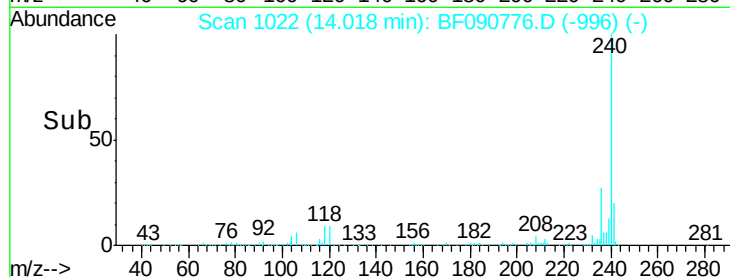
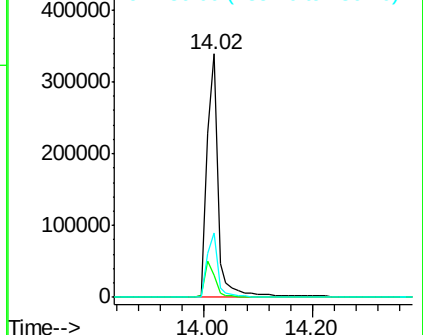
236 26.5 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 80.73 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090776.D

Acq: 22 Oct 2016 21:32

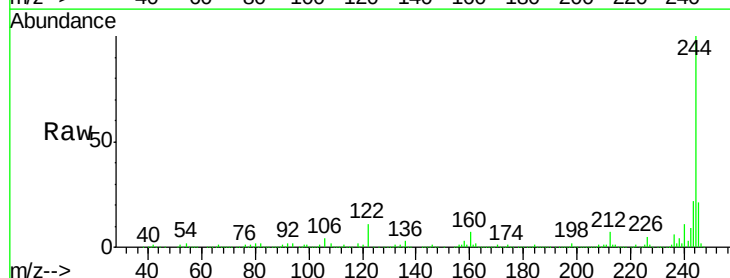
Tgt Ion:244 Resp: 1699444

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

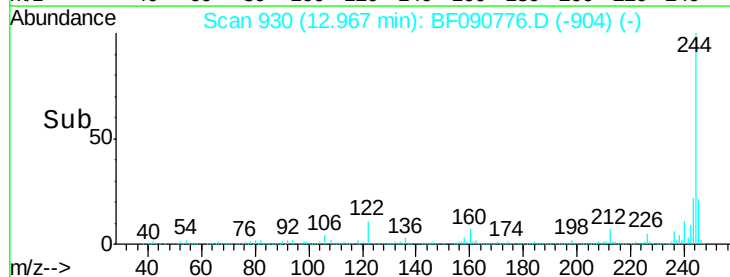
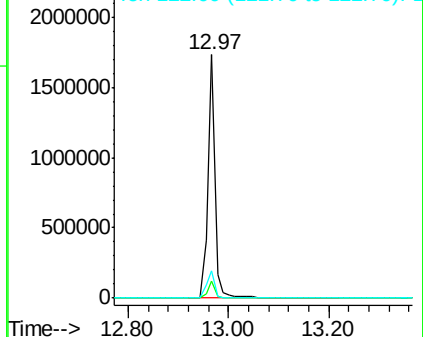
122 11.3 17.4 26.2#

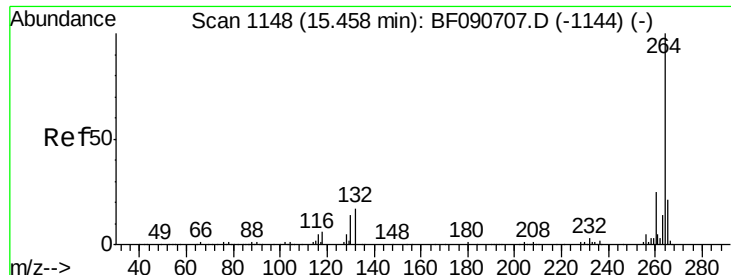


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

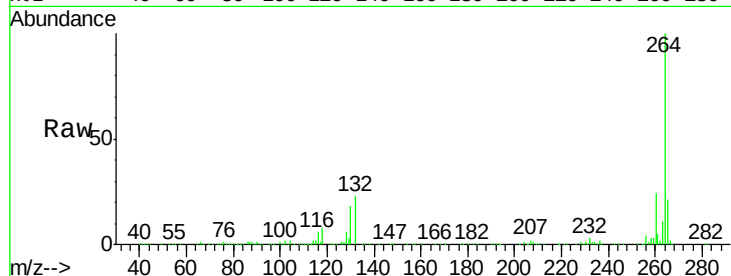




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090776.D
Acq: 22 Oct 2016 21:32

Instrument :
BNA_F
ClientSampleId :
RMAB-SB05-18.5-19.0

Tgt Ion: 264 Resp: 369771
Ion Ratio Lower Upper
264 100
260 24.5 16.7 25.1
265 21.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

